

PROJECT: 456-FP-1-C-60-C

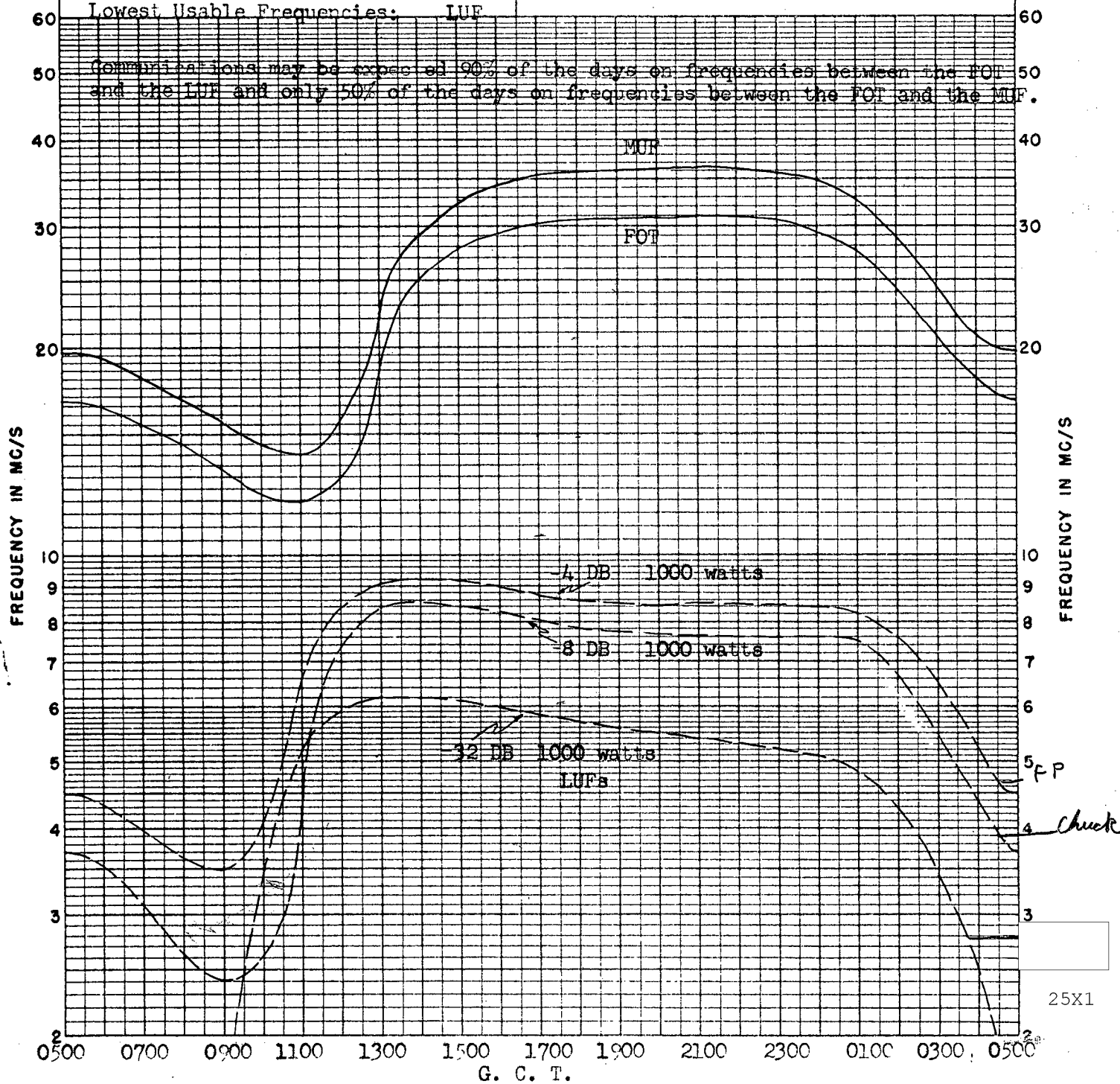
CIRCUIT BETWEEN:

U.S. BASE STATION
and
LOS ANGELES, CALIF.
MARCH, 1960

Maximum Usable Frequencies: MUF
Optimum Traffic Frequencies: FOT
Lowest Usable Frequencies: LUF

CIRCUIT DATA:

1. Transmitter Power: 1000 watts
2. U.S. BASE Antenna: $\frac{1}{2}$ wave 30' high
3. LOS ANGELES Antenna: $\frac{1}{2}$ wave 30' high
4. Type of Ground: Poor
5. Type of Service: QFM/AS-5 Redundant
6. Distance: 3700 km 2300 miles
7. Sunspot Number: 133
8. Noise Grade: 2.5



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Maximum Usable Frequencies: MUF

Optimum Traffic Frequencies: FOT

Lowest Usable Frequencies: LUF

CIRCUIT DATA:

1. Transmitter Power: 1000 watts
2. U.S. BASE Antenna: $\frac{1}{4}$ wave (Vertical)
3. LOS ANGELES Antenna: $\frac{1}{4}$ wave (Vertical)
4. Type of Ground: Poor
5. Type of Service: QFM/AS-5 Redundant
6. Distance: 3700 km 2300 miles
7. Sunspot Number: 133
8. Noise Grade: 2.5

Communications may be expected 90% of the days on frequencies between the FOT and the LUF and only 50% of the days on frequencies between the FOT and the MUF.

